

Web Images Videos Maps News Shopping Gmail more ▾

Sign in

Google scholar barley,lipoxygenase, mutant

Search

Advanced Scholar Search  
Scholar Preferences

Scholar Articles and patents - 2004 include citations Results 1 - 10 of abc

### Soybean flour **lipoxygenase** isozyme **mutant** effects on bread dough volatiles

K Addo, D Burton, MR Stuart, HR Burton, ... - JOURNAL OF FOOD ..., 1993 - interscience.wiley.com  
... Defatting selectively reduced **lipoxygenase** 2 activity with little effect on **lipoxygenases** 1 and  
3. Addition of full fat soy flour from **mutant** isolines indicated that as with soybean homogenates,  
**lipoxygenase** 2 is mostly responsible for undesirable aroma compounds. ... **Barley**, ...

Cited by 8 - Related articles - BL Direct - All 3 versions

### Soybean flour **lipoxygenase** isozymes effects on wheat flour dough rheological and ...

B Cumbee, DF Hildebrand, K Addo - Journal of Food Science, 1997 - interscience.wiley.com  
... Copyright 1997 by the Institute of Food Technologists. KEYWORDS. soy • **lipoxygenase** • isozymes •  
rheology • breadmaking. ... A reduction in bread firmness occurred after 5 day storage for all three  
single null **mutant**-containing samples in the presence of 1.0% linoleic acid ... **Barley**, ...

Cited by 17 - Related articles - BL Direct - All 3 versions

### Differential defense reactions in leaf tissues of **barley** in response to infection by ...

S Steiner-Lange, A Fischer, A Boettcher, I ... - Molecular Plant- ..., 2003 - Am Phytopath Society  
... genes. I1 cor- responds to the gene encoding **barley** lipid transfer protein 2 (LTP2)  
(Molina and Garcia-Olmedo 1993), and I8 to the gene coding for **barley lipoxygenase**  
LOX-1 (LoxA) (van Mechelen et al. 1995). Furthermore ...

Cited by 30 - Related articles - BL Direct - All 11 versions

### Jasmonate-signalled plant gene expression

C Wasternack, B Parthier - Trends in Plant Science, 1997 - Elsevier  
... of jasmonate, abscisic acid, specific transcripts and proteins in osmotically stressed **barley** leaf  
segments ... E. Bell, R. Creelman and JE Mullet, A chloroplast **lipoxygenase** is required for wound ...  
GA Howe et al., An octadecanoid pathway **mutant** (JL5) of tomato is compromised in ...

Cited by 319 - Related articles - All 3 versions

### The **lipoxygenase** pathway

I Feussner, C Wasternack - 2003 - Annual Reviews  
... synthase; DES, divinyl ether synthase;  $\alpha$ -DOX,  $\alpha$ -dioxygenase; EAS, epoxy alcohol synthase;  
HPL, hydroperoxide lyase; LOX, **lipoxygenase**; POX, peroxygenase ... 88), and Medicago truncatula  
(AJ316561), two AOSs have been found thus far in tomato (56, 105) and **barley** (80). ...

Cited by 402 - Related articles - BL Direct - All 4 versions

### Low **lipoxygenase** 1 **barley**

AC Douma, A Doderer, V Cameron-Mills, B ... - US Patent App. 09/ ..., 2000 - Google Patents  
... 29, 2000 Publication Classification (51) Int. Cl.7 C12N 15/82 (52) US Cl 800/320.1; 800/281  
(57) ABSTRACT **Barley** plants having reduced **lipoxygenase**-1 enzyme activ- ity are provided,  
for example, **barley** plants expressing **mutant** LOX-1 protein. ...

Cited by 2 - Related articles - All 7 versions

### Jasmonate-induced lipid peroxidation in **barley** leaves initiated by distinct 13-LOX ...

A Bachmann, B Hause, H Maucher, E Garbe, ... - Biological ..., 2002 - reference-global.com  
... isolated from **barley** leaves (Hordeum vulgare cv. Salome) and char- acterized. Both of them  
encode 13-**lipoxygenases** with putative target sequences for chloroplast im- port. Immunogold  
labeling revealed preferential, if not exclusive, localization of **lipoxygenase** proteins in the ...

